

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) ~~A standard interface for interfacing a wireless modem assembly with a host device, comprising:~~

a standard wireless modem assembly including a standard interface for interfacing the wireless modem assembly with a host device, the standard interfacing including

a primary serial interface configured to support data communication between the host device and the wireless modem assembly;

a secondary serial interface configured to support data communication between the host device and the wireless modem assembly or to support data communication internal to the wireless modem assembly; and

a differential serial interface configured to support data communication between the host device and the wireless modem assembly using a differential signal pair; and

a core module configured to be removably secured in the standard wireless modem assembly; the core module including a radio frequency section configured for interfacing the wireless modem to other devices over a wireless communication channel and a baseband section configured for communication information between the host device and the other devices, the core module further being configured to communicate with the host device through the standard interface.

2. (Currently Amended) ~~The wireless modem standard interface of claim 1, wherein the standard interface further comprises comprising a power interface and a ground interface to the wireless modem assembly.~~

3. (Original) The standard interface of claim 2, wherein the power interface supports LVTTTL signaling.

4. (Currently Amended) ~~The wireless modem standard interface of claim 1, wherein the standard interface further comprises comprising a wireless modem assembly status interface.~~

5. (Currently Amended) ~~The wireless modem standard interface of claim 1, wherein the standard interface further comprises comprising at least one ADC input to the wireless modem assembly.~~

6. (Currently Amended) The wireless modem standard interface of claim, wherein the standard interface further comprises ~~comprising~~ a power standby input to the wireless modem assembly.

7. (Currently Amended) The wireless modem standard interface of claim 1, wherein the standard interface further comprises ~~comprising~~ a JTAG interface.

8. (Currently Amended) The wireless modem standard interface of claim 1, wherein the standard interface further comprises ~~comprising~~ a plurality of GPIO.

9. (Currently Amended) The wireless modem standard interface of claim 8, wherein the second serial interface is multiplexed with at least one of the plurality of GPIO interfaces.

10. (Currently Amended) The wireless modem standard interface of claim 1, wherein the standard interface further comprises ~~comprising~~ a SIM interface configured to support data communication between the host device and a SIM card included in the wireless modem assembly.

11. (Currently Amended) The wireless modem standard interface of claim 9, wherein the SIM interface comprises a SIM-DATA, SIM-CLK, SIM-RESET, SIM-REMOVED, and SIM-VCC signals.

12. (Currently Amended) The wireless modem standard interface of claim 1, wherein the standard interface further comprises ~~comprising~~ an audio interface configured to provide a buzzer output to the host device, a speaker output to the host device, a microphone input to the wireless modem assembly, and a digital voice interface between the host device and the wireless modem assembly.

13. (Currently Amended) The wireless modem standard interface of claim 12, wherein the speaker output comprises a differential signal pair.

14. (Currently Amended) The wireless modem standard interface of claim 12, wherein the microphone input comprises a differential signal pair.

15. (Currently Amended) The wireless modem standard interface of claim 12, wherein the digital voice input comprises a DV-CLK, DV-FRAME, DV-TXDATA, and DV-RXDATA signals

16. (Currently Amended) The wireless modem standard interface of claim 1, wherein the standard interface further comprises ~~comprising~~ a sleep mode indicator output to the host device configured to indicate where the wireless modem assembly is on or off.

17. (Currently Amended) The wireless modem standard ~~portfolio~~ of claim 1, wherein the standard interface further comprises ~~comprising~~ a power mode indicator output to the host device configured to indicate whether the wireless modem assembly is in a sleep mode.
18. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the standard interface further comprises ~~comprising~~ a wake up input to the wireless modem assembly configured to interface a wakeup signal to the wireless modem assembly.
19. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the primary serial interface is optionally included if the differential serial interface is included in the standard interface.
20. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the primary serial interface supports a maximum data rate of 115Kbps.
21. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the primary serial interface is a universal serial interface that includes a TXD, RXD, CTS, RTS, DTR, and DSR signals.
22. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the primary serial interface supports a maximum data rate of 2.5Mbps.
23. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the primary serial interface supports a minimum data rate of 38.4kbps.
24. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the secondary serial interface is a universal serial bus interface comprising a TXD2 and RXD2 a signals.
25. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the secondary serial interface supports a maximum data rate of 115Kbps.
26. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the secondary serial interface supports a maximum data rate of 38.4Kbps.
27. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the differential serial interface supports a maximum data rate of 2.5Mbps.
28. (Currently Amended) The wireless modem standard ~~interface~~ of claim 1, wherein the standard interface is implemented in a 70-pin connector.
29. (Currently amended) A wireless modem standard ~~interface~~, comprising:

a standard wireless modem assembly including a standard interface, the standard interface including:

a basic function interface configured to provide at least one serial data communication interface between a host device and a wireless modem assembly;

a SIM interface configured to provide a data communication interface between the host device and a SIM card included in the wireless modem assembly; and

an audio interface between the host device and the wireless modem assembly; and

a core module configured to be removably secured in the standard wireless modem assembly; the core module including a radio frequency section configured for interfacing the wireless modem to other devices over a wireless communication channel and a baseband section configured for communication information between the host device and the other devices, the core module further being configured to communicate with the host device through the standard interface.

30. (Currently amended) The wireless modem standard interface of claim 29, wherein the basic function interface further comprises a power and a ground interface to the wireless modem assembly, a wireless modem assembly status interface, at least one ADC input to the wireless modem assembly, a power standby input to the wireless modem assembly, a JTAG interface between the host device and the wireless modem assembly, and a plurality of GIPO inputs/outputs between the host device and the wireless modem assembly/

31. (Currently amended) The wireless modem standard interface of claim 29, wherein the audio interface is configured to provide a buzzer output to the host device, a speaker to the host device, a microphone input to the wireless modem assembly, and a digital voice interface.

32. (Currently amended) The wireless modem standard interface of claim 29 wherein the basic function interface further comprises:

a primary serial interface configured to support data communication between the host device and the wireless modem assembly;

a secondary serial interface configured to support data communication between the host device and the wireless modem assembly or to support data communication internal to the wireless modem assembly; and

an optional differential serial interface configured to support data communication between the host device and the wireless modem assembly using a differential signal pair.

33. (Currently amended) The wireless modem ~~standard interface~~ of claim 30, wherein the power interface comprises:

a power indicator output to the host device configured to indicate whether the wireless modem assembly is on or off;

a sleep mode indicator output to the host device configured to indicate whether the wireless assembly is in sleep mode; and

a wake up input to the wireless modem assembly configured to the interface a wakeup signal to the wireless modem assembly.

34. (Currently amended) The wireless modem ~~standard interface~~ of claim 32, wherein the primary serial interface is optionally included if the differential serial interface is included in the standard interface.

35. (Currently amended) The wireless modem ~~standard interface~~ of claim 32, wherein the primary serial interface supports a maximum data rate of up to 2.5Mbps if the differential serial interface is not included and a maximum data rate of 115Kpbs if the differential serial interface is included.

36. (Currently amended) The wireless modem ~~standard interface~~ of claim 32, wherein the primary serial interface supports a minimum data rate of 38.4Kbps.

37. (Currently amended) The wireless modem ~~standard interface~~ of claim 32, wherein the secondary serial interface is a universal serial bus interface comprising a TXD2 and a RXD2 signals.

38. (Currently amended) The wireless modem ~~standard interface~~ of claim 32, wherein the secondary serial interface supports a maximum data rate of 115Kbps.

39. (Currently amended) The wireless modem ~~standard interface~~ of claim 32, wherein the secondary serial interface supports a minimum data rate of 38.4Kbps.

40. (Currently amended) The wireless modem ~~standard interface~~ of claim 30, wherein the secondary serial interface is multiplexed with at least one of the plurality of GPIO.

41. (Currently amended) The wireless modem ~~standard interface~~ of claim 30, wherein the differential serial interface support a maximum data rate of 2.5Mbps.

42. (Currently amended) The wireless modem ~~standard interface~~ of claim 29, wherein the SIM interface comprises a SIM-DATA, a SIM-CLK, a SIM-RESET, a SIM-REMOVED, and a SIM-VCC signals.

43. (Currently amended) The wireless modem standard interface of claim 29, wherein the standard interface is implemented in a 70-pin connector.

44. (Currently amended) The wireless modem standard interface of claim 43, wherein the connector includes unused pins for future feature expansion.